Index of Claims

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 09/815,434      | LAPSLEY ET AL. |
| Examiner        | Art Unit       |
| John W Hayes    | 3621           |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|             |          |                |              |          |          |          | ,        |  | _  |                 |  |
|-------------|----------|----------------|--------------|----------|----------|----------|----------|--|--|-----------------|--|
| Cla         | Date     |                |              |          |          |          |          |  |  |                 |  |
| Final       | Original | 12/1/04        |              |          |          |          |          |  |  |                 |  |
| 1           | 1        | =              | ┢┈           | t        | ┢        | $\vdash$ |          | $\vdash$   | $\vdash$   | $\vdash$        |  |
| 2           | 2 3      | † <del>-</del> | t            | Ħ        | Ħ        | t        |          | t  | t  | m               |  |
| 3           | 3        | ╘              |              | Τ        |          | <b>†</b> | $\vdash$ | 1  | Τ  | ·               |  |
| 4           | 4        | =              |              |          |          |          |          |  | İ  |                 |  |
| 5           | 5        | =              |              |          |          |          |          |  |  |                 |  |
| 6           | 6        | =              |              |          |          |          |          |  |  |                 |  |
| 7           | 7        | =              |              |          |          |          |          |  | L  |                 |  |
| 14          | 8        | =              |              |          |          |          |          |  |  |                 |  |
|             | 9        | <u>  -</u>     | _            | _        |          | <u> </u> |          | <u> </u>   |  |                 |  |
| 8           | 10       | =              | _            | _        | ╙        | ╙        | L.       | _  | ┕  | Ш               |  |
| 9           | 11       | =              | $\vdash$     | <u> </u> | <u> </u> | <u> </u> | ļ        | <u> </u>   | <u> </u>   | Н               |  |
| 10          | 12<br>13 | =              | $\vdash$     |          |          | ├        | $\vdash$ | <u> </u>   | $\vdash$   | Н               |  |
| 11<br>12    | 13       | =              | ⊢            | ├        | <u> </u> | ├        | -        | ├-   | $\vdash$   | Н               |  |
| 12          | 14<br>15 | =              | <del> </del> | ⊢        | ⊢        | ⊢        | -        | -  | -  | $\vdash$        |  |
|             | 16       | Ŀ              | ┢            | ⊢        | ⊢        | ⊢        | H        | ⊢  | -  | Н               |  |
|             | 17       | -              | $\vdash$     | -        | ┢        | ┢        | ┢        | <del>                                     </del> | -  | Н               |  |
| <del></del> | 18       | +              | ⊢            | $\vdash$ |          | ⊢        | ┢        |  | -  | Н               |  |
|             | 19       | 1              | -            | $\vdash$ |          | ┢        | -        |  | ┝  | Н               |  |
|             | 20       | <del> </del>   |              |          |          | H        | $\vdash$ |  | ┢  | Н               |  |
|             | 21       | -              | ┢            | $\vdash$ | $\vdash$ | $\vdash$ | ┢        | 一  | <del>                                     </del> | Н               |  |
|             | 22       | -              | $\vdash$     |          |          | Г        |          | -  |  | H               |  |
|             | 23       | -              | $\vdash$     |          | <u> </u> | T        | T        |  |  | Н               |  |
|             | 23<br>24 | -              |              | T        | Т        | T        |          |  |  | П               |  |
|             | 25       | -              |              |          |          | Г        |          | Г  |  | П               |  |
| 13          | 26       | =              |              |          |          | Π        |          |  | Г  | П               |  |
| 15          | 27       | =              |              |          |          |          |          |  |  |                 |  |
| 16          | 28       | =              |              |          |          |          |          |  |  |                 |  |
| 21<br>22    | 29       | =              | <u> </u>     |          |          |          | <u> </u> |  | _  | Ш               |  |
| 22          | 30       | =              | L_           | <u> </u> |          |          | L        | L  | _  | Щ               |  |
| 17<br>18    | 31       | =              | _            |          | _        | _        | _        | _  | <u> </u>   | Щ               |  |
| 18          | 32       | =              |              |          | _        |          | <u> </u> | <u> </u>   | <u> </u>   | Щ               |  |
| 23          | 33       | ₽              | _            | <u> </u> |          | <u> </u> | ┞        | <u> </u>   | <u> </u>   | Ш               |  |
| 24          | 34       | =              | <u> </u>     | <b> </b> |          | ┝        | <u> </u> | ├  | _  | Ш               |  |
| 19<br>20    | 35<br>36 | =              | ⊢            | ├-       | $\vdash$ | ├-       | <u> </u> | ├-   | $\vdash$   | ├┤              |  |
| 25          | 37       | =              | ├            | $\vdash$ | $\vdash$ | ⊢        | -        | ├  | $\vdash$   | $\vdash$        |  |
| 26          | 38       | ╘              | $\vdash$     | ├        | $\vdash$ | $\vdash$ | $\vdash$ | ⊢  | ├-   | $\vdash \vdash$ |  |
| 27          | 39       | =              | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | ⊢  | Н               |  |
| 28          | 40       | ╘              | $\vdash$     | -        | $\vdash$ | $\vdash$ | $\vdash$ |  | ┢  | $\vdash$        |  |
| 29          | 41       | =              |              | $\vdash$ | H        | $\vdash$ | <u> </u> | H  | m  | Н               |  |
| 30          | 42       | =              | Т            | Т        | $\vdash$ | T        | $\vdash$ | $\vdash$   | $\vdash$   | H               |  |
| 31          | 43       | =              | П            |          |          |          | Г        | $\vdash$   | _  | П               |  |
| 32          | 44       | =              |              |          |          |          |          |  | Г  | П               |  |
| 33          | 45       | =              |              |          |          |          |          |  |  |                 |  |
| 34          | 46       | =              |              |          |          |          |          |  |  |                 |  |
| 35          | 47       | =              |              |          |          |          |          |  |  |                 |  |
| 36          | 48       | =              |              |          |          |          |          |  |  |                 |  |
| 37          | 49       | =              |              |          |          |          |          |  |  |                 |  |
| 38          | 50       | -              |              |          |          |          |          |  |  |                 |  |

|   | Claim |          | Date     |  |  |          |          |            |   |  |          |
|---|-------|----------|----------|--|--|----------|----------|------------|---|--|----------|
|   | -     |          |          |  | Π  | Ī        | }        |            | I   |  |          |
|   | ਲ     | Original | 12/1/04  |  |  | l        | ł        | l          |   |  |          |
| 1 | Final | įģ       | 12       |  |  | l        |          | 1          |   |  |          |
|   |       | ō        | ~        |  |  |          | ĺ        |            |   |  |          |
| ł | 20    | E4       | Ŀ        | ⊢  | ┝  | ⊢        | ⊢        | ⊢          | ├   | H  | ⊢        |
|   | 39    | 51       | =        | <u> </u>                                     | ⊢  | ⊢        | ⊢        | ┡          | ├   | <u> </u>   | <u> </u> |
|   | 40    | 52<br>53 | =        | <u> </u>                                     | ┡  | ╙        | ┡        | ⊢          | ⊢   | ╙  | <u> </u> |
|   | 41    | 53       | =        | _  | <u> </u>   | _        | <u> </u> | _          |   |  |          |
|   | 42    | 54       | =        | _  | L  | L        | 乚        |            | 匚   |  |          |
|   | 43    | 55       | =        |  | L  | L        |          |            |   |  |          |
|   | 44    | 56       | =        | <u>.                                    </u> | <u>].                                    </u>    |          |          |            |   |  |          |
|   | 45    | 57       | =        |  |  |          |          |            |   |  |          |
| - | 46    | 58       | =        |  |  |          | Г        | П          |   |  |          |
| - | 47    | 59       | =        |  |  | Г        | П        |            |   |  |          |
| 1 | 48    | 60       | ▗        |  |  |          |          |            |   |  |          |
| 1 | 49    | 61       | ╘        |  | $\vdash$   | ┢        | _        | $\vdash$   | $\vdash$  | $\vdash$   | $\vdash$ |
| 1 | 50    | 62       | =        |  | -  | ╌        | ┢        | ⊢          | ⊢   | $\vdash$   | ⊢        |
| 1 | 51    | 62       | =        |  | -  |          |          | ┝          | ├   | -  | ⊢        |
| ı | 21    | 63       | -        | _  | $\vdash$   | ⊢        | -        | -          | ⊢   | ⊢  | <u> </u> |
| ١ | 52    | 64       | =        |  | _  |          | _        | L_         | <u> </u>  | <u> </u>   |          |
| - |       | 65       | L        |  | _  | _        | _        | L          | L   | _  |          |
| ı |       | 66       |          | <u> </u>                                     |  |          | L        |            | L   | L  | L        |
|   |       | 67       |          |  |  |          |          |            |   |  |          |
|   |       | 68       |          |  |  |          | Γ        |            |   |  |          |
| ı |       | 69       |          |  |  |          |          |            | П   |  |          |
| ı |       | 70       |          |  |  |          |          | _          |   |  |          |
| 1 |       | 71       | _        | $\vdash$                                     |  | _        |          | $\vdash$   | $\vdash$  | $\vdash$   | _        |
| 1 |       | 72       |          | H  |  | H        | $\vdash$ | $\vdash$   | $\vdash$  | -  | ┢╾       |
| ł |       | 73       | $\vdash$ | ┝  | $\vdash$   | ┢        | ├-       |            | ⊢   | <del>                                     </del> | ┢        |
| 1 |       | 74       |          | -  | H  |          | ⊢        | $\vdash$   | ⊢   | -  | ┝        |
| 1 |       | 74<br>75 | ├        | -  | ⊢  | -        | -        | $\vdash$   | $\vdash$  | -  |          |
| } |       | 70       | -        |  | ⊢  | -        | ├-       | <u> </u>   | ⊢   | <u> </u>   |          |
| ŀ |       | 76<br>77 | _        | _  | _  | _        | _        | <u> </u> _ | _   | _  | <u> </u> |
| ļ |       | //       |          | _  | _  | <u> </u> | <u> </u> | <u> </u>   | _   | L  | L        |
| ļ |       | 78       |          |  | L_   | _        |          | _          |   | L  |          |
| ı |       | 79       |          |  |  |          |          | _          |   |  |          |
| į |       | 80       |          |  |  |          |          |            |   |  |          |
|   |       | 81       |          |  |  |          | "        |            |   |  |          |
| ſ |       | 82       |          |  |  |          |          |            |   |  |          |
| ı |       | 83       |          |  |  |          |          |            |   |  |          |
| İ |       | 84       |          |  | ┢  |          |          |            |   |  |          |
| ı |       | 85       | _        |  | H  | $\vdash$ |          |            |   |  |          |
| ŀ |       | 86       |          |  | <del>                                     </del> | -        | $\vdash$ | _          |   | -  | $\vdash$ |
| ł |       | 87       |          | -  |  |          | ⊢        | ⊢          | -   |  | $\vdash$ |
| ł |       | 88       | $\vdash$ | _  | ├  | ├─       | $\vdash$ | ⊢          | <u> </u>  |  | _        |
| ŀ |       |          | -        | _  | <u> </u>   | ├-       | ├        | ⊢          |   | _  | _        |
| ŀ |       | 89       |          |  | <u> </u>   | -        | <u> </u> | <u> </u>   | L   |  | <u> </u> |
| ŀ |       | 90       |          |  | _  | _        | <u> </u> | L_         | _   |  | _        |
| ļ | _     | 91       |          |  | L.   |          |          | L          | $ldsymbol{ld}}}}}}$ |  |          |
| Į |       | 92       |          |  | L  | L        | L        | <u>_</u>   | _   |  |          |
| 1 |       | 93       |          |  |  |          |          |            | LĪ  |  | L        |
| ſ |       | 94       |          |  |  |          |          |            |   |  |          |
| ı |       | 95       |          |  |  |          |          |            |   |  |          |
| Ì |       | 96       |          |  | П  |          |          |            | Т   |  | _        |
| ŀ |       | 97       | $\vdash$ |  |  |          |          | Н          |   |  |          |
| ŀ |       | 98       | $\dashv$ | $\vdash$                                     | H  | $\vdash$ | $\vdash$ | $\vdash$   |   | $\vdash$   | $\vdash$ |
| ŀ |       | 99       | $\vdash$ | H  | H  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$  | $\dashv$   | -        |
| ŀ |       | 100      |          |  | $\vdash$   | $\vdash$ | $\vdash$ | -          | $\vdash$  | $\vdash$   | -        |
| ı |       | 100      |          |  |  |          | !        | ı          |   |  |          |

| Cla          | aim               | Г        | Date     |          |  |                                     |  |          |              |                 |  |
|--------------|-------------------|----------|----------|----------|--|-------------------------------------|--|----------|--------------|-----------------|--|
|              |                   |          |          |          |  |                                     |  |          | П            |                 |  |
| Final        | Original          | i        |          |          |  |                                     |  |          |              |                 |  |
|              | 101               |          |          |          |  |                                     | -                                      | -        | $\vdash$     | Н               |  |
|              | 102               |          |          | İ        |  |                                     | Г                                      |          |              |                 |  |
|              | 102<br>103        |          | Г        |          |  |                                     |  |          |              | П               |  |
|              | 104               |          |          |          |  | Г                                   |  |          |              | П               |  |
|              | 105               |          |          |          |  |                                     |  |          |              | П               |  |
|              | 106               |          | Г        | Г        | Г  |                                     | Г                                      | П        |              | П               |  |
|              | 107               |          |          |          |  |                                     | Г                                      |          |              |                 |  |
|              | 108               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 109               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 110               | L        |          | L        |  |                                     |  |          |              |                 |  |
|              | 111               |          |          | _        | L  | L                                   | L                                      |          | <u> </u>     | Ш               |  |
|              | 112               |          | <u> </u> | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u> | <u> </u>     | Ш               |  |
| L            | 113               | <u> </u> | <u>_</u> | 1        | L  | L_                                  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$    | <u> </u> | <u> </u>     | Ш               |  |
| <u> </u>     | 114<br>115        | <u> </u> | $\vdash$ | <u> </u> | ⊢  | L                                   | <u> </u>                               | <u> </u> | Ь            | Ш               |  |
|              | 115               | _        |          | _        | ļ  | <u> </u>                            | _                                      | _        | _            | Щ               |  |
| <u> </u>     | 116<br>117        | <u> </u> | ⊢        | <u> </u> | $\vdash$   | <u> </u>                            | ├-                                     | <u> </u> | ⊢            | Щ               |  |
| -            | 11/               | _        |          | <u> </u> | ┡  | <u> </u>                            | <u> </u>                               | L        | ┞            | Н               |  |
| $\vdash$     | 118               | _        | -        | <u> </u> | <u> </u>   | _                                   | <u> </u>                               | <u> </u> |              | Н               |  |
| $\vdash$     | 119<br>120        | $\vdash$ | ┝        |          | ⊢  | ⊢                                   | <u> </u>                               | <u> </u> | _            | Н               |  |
|              | 120               | _        |          | ⊢        | -  | ┢                                   | ┝                                      | ⊢        | _            | H               |  |
| $\vdash$     | 121<br>122        |          | $\vdash$ | ⊢        | -  | -                                   | ┝                                      | -        | -            | Н               |  |
|              | 123               | _        | -        | -        | <del>                                     </del> | $\vdash$                            | -                                      | -        |              | Н               |  |
|              | 124               | _        |          | $\vdash$ | <u> </u>   | -                                   | ┢                                      | $\vdash$ | -            | Н               |  |
|              | 124<br>125<br>126 |          |          | $\vdash$ |  |                                     |  |          |              | H               |  |
|              | 126               | Т        | _        | $\vdash$ | _  |                                     | _                                      |          |              |                 |  |
|              | 127<br>128<br>129 |          |          |          |  | Г                                   |  |          | Г            |                 |  |
|              | 128               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 129               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 130<br>131        |          |          |          |  |                                     |  |          |              |                 |  |
|              | 131               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 132               |          |          | _        | L  | _                                   |  | _        |              |                 |  |
| I            | 133               | _        | _        | _        | $\perp$  | _                                   |  | <u> </u> |              | Ш               |  |
| $\vdash$     | 134               |          | <u> </u> | <u> </u> |  | _                                   |  |          | _            | Щ               |  |
|              | 135               |          |          | ┞        |  | L                                   | _                                      | _        | <u> </u>     | $\dashv$        |  |
| $\vdash$     | 136<br>137        | _        | _        | H        | -  |                                     | _                                      | -        | ┝            | -4              |  |
| Н            | 137               | _        | _        | H        | _  | -                                   |  | -        | <del> </del> | $\dashv$        |  |
| $\vdash$     | 138<br>139        | _        | $\vdash$ | -        | _  | -                                   | _                                      |          | ┝            | $\dashv$        |  |
| $\vdash$     | 140               |          | ⊢        | $\vdash$ |  |                                     | -                                      | _        |              | $\vdash$        |  |
| $\vdash$     | 141               |          | -        | H        | Н  | $\vdash$                            | _                                      | H        | $\vdash$     | $\vdash \vdash$ |  |
|              | 142               |          |          |          |  |                                     | -                                      | -        |              | H               |  |
|              | 143               |          | Т        | П        |  |                                     | Т                                      | Т        | Г            | $\vdash$        |  |
|              | 144               |          |          |          |  |                                     |  |          | П            | П               |  |
|              | 145               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 146               |          |          |          |  |                                     |  |          |              |                 |  |
|              | 147               |          |          | $\Box$   |  |                                     |  |          |              |                 |  |
| $oxed{oxed}$ | 148               |          |          |          |  | Ш                                   |  |          |              | Ш               |  |
|              | 149               |          | _        | L.,      |  | Ш                                   |  |          | Ш            | Ш               |  |
| LI           | 150               |          |          | L        |  |                                     |  |          |              | Ш               |  |